CLAIM LISTING

The currently pending claims read as follows:

1.　(Original) A method of providing automated vehicle diagnostic function within a mobile vehicle communication system, comprising:

configuring a primary diagnostic script for a telematics equipped mobile vehicle;

providing the primary diagnostic script to the mobile vehicle;

executing the primary diagnostic script; and

collecting diagnostic data based on the executed primary diagnostic script.

2.　(Original) The method of claim 1, further comprising:

analyzing the collected diagnostic data.

3.　(Original) The method of claim 1, further comprising:

initiating the automated vehicle diagnostic function.

4.　(Original) The method of claim 3, wherein initiating the automated vehicle diagnostic function comprises:

receiving a request for automated vehicle diagnostic function from a user interface; and

identifying diagnostic routines based on the received request.

5.　(Original) The method of claim 1, wherein configuring the primary diagnostic script comprises:

determining at least one diagnostic script based on diagnostic options; and

retrieving the at least one determined diagnostic script,

wherein one or more diagnostic scripts are combined into the primary diagnostic script.

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Serial No.: 10/786,980
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Page 3 of 7

6.   (Original) The method of claim 1, wherein the primary diagnostic script recreates known problem sequences when executed.

7.   (Original) The method of claim 1, wherein the primary diagnostic script triggers data capture when specific conditions exist.

8.   (Original) The method of claim 1, wherein collecting diagnostic data based on the executed primary diagnostic script comprises:

receiving diagnostic data from vehicle system modules; and

storing the received diagnostic data.

9.   (Original) The method of claim 1, wherein the diagnostic data is selected from the group consisting of: diagnostic trouble codes.

10.   (Original) A computer readable medium storing a computer program comprising:

computer readable code for configuring a primary diagnostic script for a telematics equipped mobile vehicle;

computer readable code for providing the primary diagnostic script to the mobile vehicle;

computer readable code for executing the primary diagnostic script; and

computer readable code for collecting diagnostic data based on the executed primary diagnostic script.

11.   (Original) The computer readable medium of claim 10, further comprising:

computer readable code for analyzing the collected diagnostic data.

12.   (Original) The computer readable medium of claim 10, further comprising:

computer readable code for initiating the automated vehicle diagnostic function.

13.   (Original) The computer readable medium of claim 12, wherein the computer readable code for initiating the automated vehicle diagnostic function comprises:

computer readable code for receiving a request for automated vehicle diagnostic function from a user interface; and

computer readable code for identifying diagnostic routines based on the received request.

14.   (Original) The computer readable medium of claim 10, wherein the computer readable code for configuring the primary diagnostic script comprises:

computer readable code for determining at least one diagnostic script based on diagnostic options; and

computer readable code for retrieving the at least one diagnostic script, wherein the one or more diagnostic scripts are combined into the primary diagnostic script.

15.   (Original) The computer readable medium of claim 10 wherein the primary diagnostic script recreates known problem sequences when executed.

16.   (Original) The computer readable medium of claim 10, wherein the primary diagnostic script triggers data capture when specific conditions exist.

17. (Original) The computer readable medium of claim 10, wherein the computer readable code for collecting diagnostic data based on the executed primary diagnostic script comprises:

computer readable code for receiving diagnostic data from vehicle system modules; and

computer readable code for storing the received diagnostic data.

18. (Original) The computer readable medium of claim 10, wherein the diagnostic data is selected from the group consisting of: diagnostic trouble codes.

19. (Original) A system for providing automated vehicle diagnostic function, the system comprising:

means for configuring a primary diagnostic script for a telematics equipped mobile vehicle;

means for providing the primary diagnostic script to the mobile vehicle;

means for executing the primary diagnostic script; and

means for collecting diagnostic data based on the executed primary diagnostic script.